Geoscience in Your State: Hawaii
By the numbers: Hawaii

- 1,700 geoscience employees (excludes self-employed)
- 359 million gallons/day: total groundwater withdrawal
- $105 million value of nonfuel mineral production in 2017
- 45 total disaster declarations, including 15 fire, 9 flood, and 7 severe storm disasters (1953-2017)?
- $15.6 million: NSF GEO grants awarded in 2017

Read more in this Geoscience in Your State Factsheet...

**Agencies Working on Geoscience Issues in Hawaii**

**Commission on Water Resource Management**  
https://dlnr.hawaii.gov/cwrm/  
The Commission's general mission is to protect and enhance the water resources of the State of Hawaii through wise and responsible management.

**Hawaii Emergency Management Agency**  
http://hawaii.gov/hiema/  
The mission of Hawaii’s Emergency Management Agency is to help the Hawaii’i Ohana prepare for, respond to, and recover from disasters and emergencies.

**Hawaii Office of Conservation and Coastal Lands**  
http://dlnr.hawaii.gov/occl/  
The OCCL is responsible for overseeing approximately 2 million acres of private and public lands that lie within the State Land Use Conservation District. In addition, to privately and publicly zoned Conservation District lands, OCCL is responsible for overseeing beach and marine lands out to the seaward extent of the State’s jurisdiction.

**Hawaii State Energy Office**  
http://energy.hawaii.gov/  
With the state’s goal to reach 100 percent renewable energy generation by 2045, the Hawaii State Energy Office (HSEO) is leading the state’s charge toward clean energy independence. HSEO is committed to developing and deploying high impact solutions that will maximize Hawaii’s renewable energy resources and improve efficiency and transportation standards. Through effective policies and innovative programs, HSEO has positioned Hawaii as a leader in clean energy innovation, which will generate quality jobs, attract investment opportunities and accelerate economic growth.

**Maps & Visualizations**

Interactive database for geologic maps of the United States  
U.S. Geological Survey  
The U.S. Geological Survey hosts the National Geologic Map Database (NGMDB). This interactive tool serves as a national archive for high-quality, standardized geologic maps created by the U.S. Geological Survey and state geological surveys. The MapView section of the NGMDB displays geologic maps...

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**Case Studies & Factsheets**
Present Day Climate Change
Climate Science 101 Climate is the average of weather conditions over several decades.1,2 Geoscientists monitor modern climate conditions (1880 A.D. to present) in part by taking direct measurements of weather data (i.e., air temperature, rainfall and snowfall, wind speed, cloudiness, and so on)...

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Webinars & Forums

Offshore Energy
This webinar is based on a Congressional briefing organized by the Advances in Earth Science coalition (16 May 2016). The webinar brings together experts from academia and government to explain the scientific and engineering tools that enable production in challenging environments far from land...

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